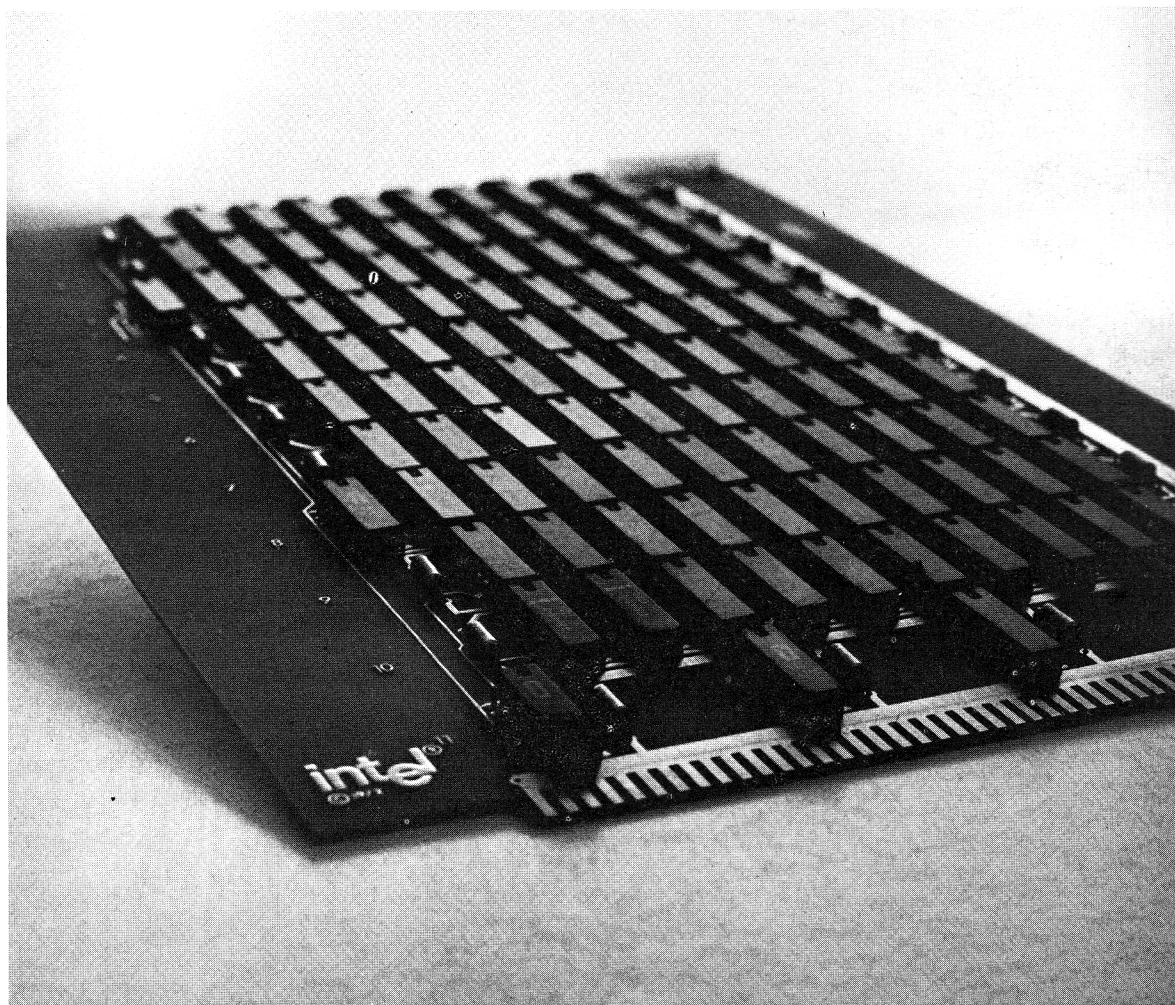


in-60 MEMORY SYSTEM



in-60 SERIES SERIAL MEMORY FEATURES:

- Low Cost Memory
- High Reliability
- Modular Expandability
- Module Interchangeability
- Field Expandable
- Only One Power Supply Voltage
- Compact Size
- Adjustable Clocking
- Fully Buffered

The in-60 serial Memory System is designed to meet the high reliability and low cost requirements of large volume storage and CRT refresh applications. The in-60 features the use of a single voltage power supply and MOS N-channel silicon gate technology. This system is available as a self-contained 20,000 words by 10 bits memory unit. This system is expandable to virtually any size in either word or bit length by the use of additional memory cards. The in-60 features a compact size, high reliability and ease of expansion.

The in-60 is designed for the replacement of small flying head disks and for CRT refresh applications.

SYSTEM in-60 SPECIFICATIONS

Dimensions: 8.175 Inches High
10.5 Inches Deep
0.5 Inches Wide

Capacity:

Up to 20,000 words per memory card. Larger sizes are capable by the addition of memory cards.

Word Length:

6, 7, 8, 9, 10 bits per memory card. Longer words are made by combining memory cards.

Clock Rate:

in-60 1 megaHertz to 25 kiloHertz

Access Time:

in-60 500 Nanoseconds

Interface Characteristics:

TTL Compatible

Data Input:

Up to 10 lines, single ended

Data Output:

Up to 10 lines, single ended

Data Input Control:

1 line (clock), single ended

Environment:

Temperature: 0°C to +50°C operating ambient
-40°C to +125°C non-operating

Relative

Humidity: Up to 90% with no condensation

Altitude:

0 to 10,000 feet operating
Up to 50,000 feet non-operating

D.C. Power Requirement:

+5.0 Volts $\pm 5\%$ at 7.0 Amps

Features:

TTL Compatible

1 Voltage Supply

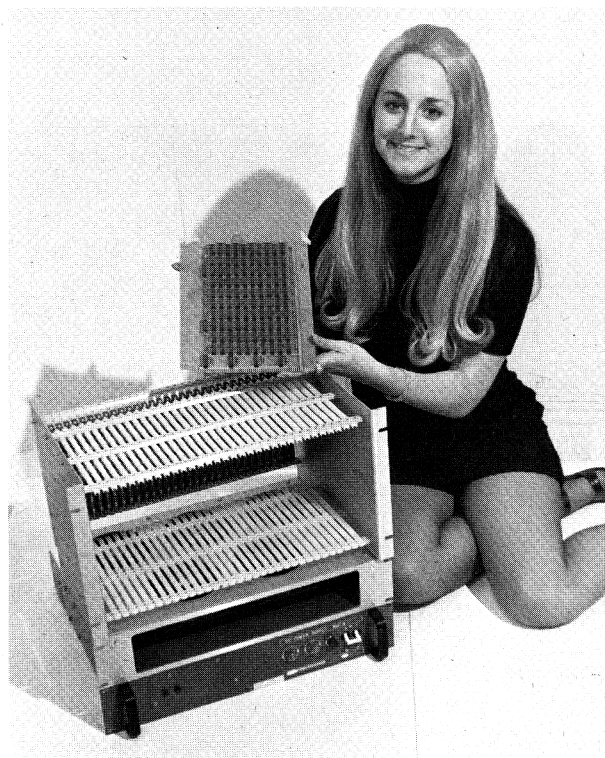
Ease of Expansion

Single Board System

Adjustable Clocking

Single Phase Clocking

Fully Buffered System

**Special Options:**

Intel also offers the in-60 mounted in a card chassis. This chassis will be wire-wrapped up to whatever size is ordered. This chassis will be able to be mounted in a 19" relay rack.

Intel will also supply a power supply for this system that mounts below the memory chassis. This supply is modular and can supply up to a full card chassis of memory.

A blower assembly is also available for this system. This blower can draw air from the front, back, or below for cooling the memory card chassis.

This is illustrated in the above photograph.